



Cornwall County Council.

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Sanitary Committee.

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**ANNUAL REPORT,**  
**VITAL STATISTICS,**  
**And Meteorological Summary**  
**for 1910.**

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TRURO :  
BLACKFORD, ROYAL PRINTERIES,  
1911.

# CORNWALL COUNTY COUNCIL.

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## County Sanitary Committee:

MR. WILLIAM COLE PENDARVES,  
Chairman of the County Council (*Ex. Officio*).

MR. WILLIAM HAWKE,  
Vice-Chairman of the County Council (*Ex. Officio*).

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THE HONORABLE JOHN R. DE C. BOSCAWEN, *Chairman*.  
MR. WILLIAM BENJAMIN SNELL, Wayton, Hatt, R.S.O., *Vice-Chairman*.

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MR. JOHN HENRY BAWDEN, Pentreve, Truro.  
,, GEORGE SKEWES BRAY, Lanner House, Lanner,  
REV. FRANCIS WILLIAM BRIGGS, The Vicarage, Maker, Plymouth.  
MR. THOMAS REGINALD GRYLLS, Belmont, Falmouth.  
,, THOMAS BROOKES HENDER, Landrends, Launceston.  
,, JAMES HENDY, Truthan, St. Erme, Truro.  
,, JOHN MICHAEL NICHOLLS, The Terrace, St. Ives.  
,, JOHN PARNELL, Trecarne, Camelford.  
,, HENRY MONTAGUE ROGERS, Nansloe, Helston.  
,, JOHN SPEAR, Penyoke, Hatt, R.S.O.  
,, WILLIAM STROUT, Tregardock, Delabole, R.S.O.  
,, CHARLES TREGENZA, Boslandew, Paul, Penzance.  
,, JOHN WHITWORTH, Basset Road, Camborne.  
,, WILLIAM HENRY YEO, East Roose, Otterham, Camelford.

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MR. CHRISTOPHER L. COWLARD, *Clerk*.

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Place of Meeting:  
**PUBLIC ROOMS, TRURO.**

# LOCAL SANITARY AUTHORITIES.

## CHAIRMEN AND OFFICERS, 1911.

<i>No. of District Report.</i>	<i>Sanitary District</i>	<i>Chairman</i>	<i>Clerk</i>	<i>Medical Officer</i>	<i>Inspector</i>
<b>RURAL</b>					
1	Stratton ..	Peter Stacey ..	G. H. Gurney ..	D. A. Chamberlain	J. P. Baker
1a	Holsworthy ..	Wm. Allin ..	J. Rowland ..	W. G. Gray ..	R. Banbury
2	Launceston ..	J. Rawling ..	G. C. White ..	C. G. Gibson ..	J. Frayne
3	Calstock ..	H. Read ..	J. P. Blight ..	A. Bowhay, M.D..	E. J. Harris
4	Boscastle ..	J. Parnell ..	J. Mitchell ..	C. Wade	A. Metherell
5	Camelford ..	do. ..	do. ..	E. J. Jerome	
6	Liskeard ..	Martin West ..	A. de C. Glubb ..	W. Nettle ..	E. Mallett
7	St. Germans ..	J. Spear ..	F. E. Cleverton ..	R. T. Meadows, M.D.	J. A. Andrews
8	Bodmin ..	W. Phillips ..	J. Pethybridge ..	A. G. Salmon ..	W. J. Jenkins, M.S.I.
9	St. Columb ..		C. E. Whitford ..	F. S. McMahon ..	R. G. Hawken
10	St. Austell ..	F. W. Jenkin ..	J. Stephens ..	W. Mason ..	T. Darlington
11	Truro ..	J. Hendy, C.C. ..	C. Hancock ..	T. M. Bonar ..	E. W. Tonkin
12	Redruth ..	W. J. Trebilecock ..	T. C. Peter ..	A. E. Permewan, M.D. }	J. Tredinnick
13	East Kerrier ..	M. H. Holman ..	M. H. Truscott ..	J. Blamey ..	W. Martin
14	Helston ..	P. H. Williams ..	A. E. Ratcliffe ..	F. Chown, M.B. }	J. D. Hosking
15	West Penwith ..	J. H. Roberts ..	T. H. Cornish ..	J. R. Richmond ..	J. H. Chubb
16	Scilly Isles ..		E. N. V. Moyle ..	T. Brushfield, M.D.	R. J. Wearne
<b>URBAN</b>					
17	Callington ..	G. Hawke ..	J. P. Blight ..	H. Davies, Jun. ..	J. Richards
18	Stratton & Bude ..	J. H. Treleven ..	R. A. Foster-Melliard, C.C.	T. A. King ..	J. Ellis
19	Launceston ..	The Mayor ..	C. H. Peter ..	A. Budd ..	A. W. Grace
20	Liskeard ..	The Mayor ..	H. L. Caunter ..	W. Nettle ..	T. McMeikan
21	Torpoint ..	W. H. Terrell ..	A. N. F. Goodman ..	S. G. Vinter ..	R. H. Beaumont
22	Looe ..	Reg. A. Peter ..	R. Arthur Peter ..	J. E. Webb, M.B.	C. Martin
23	Saltash ..	The Mayor ..	F. E. Cleverton ..	G. Meadows, M.B.	W. W. Harvey
24	Bodmin ..	The Mayor ..	J. Pethybridge ..	B. G. Derry ..	R. Buscombe
25	Lostwithiel ..	The Mayor ..	J. P. Heath ..	W. M. Thomas ..	J. Knight
26	Wadebridge ..	W. H. Phillips ..	W. O. Wellington ..	J. E. Pellow ..	J. Bate
27	Truro City ..	The Mayor ..	F. Parkin ..	H. C. Sharp, M.B.	W. H. Ennor
28	Penryn ..	The Mayor ..	M. H. Truscott ..	J. Blamey ..	J. P. Jenkins, C.E.
29	Falmouth ..	The Mayor ..	E. E. Armitage ..	A. Gregor ..	H. Kelway
30	Helston ..	The Mayor ..	J. W. Tyacke, C.C.	M. R. Taylor ..	W. J. Winn
31	St. Ives ..	The Mayor ..	E. Boase ..	J. M. Nicholls, M.D.	F. E. Wintle, C.E.
32	Penzance ..	The Mayor ..	T. H. Cornish ..	R. D. Boase ..	N. C. Whear, A.S.I.
33	Padstow ..	R. S. Langford ..	E. C. Williams ..	F. Harvey ..	P. Blake
34	Newquay ..	J. Vivian ..	G. F. Nicholls ..	A. Hardwick, M.D.	J. Ennor, Jun.
35	St. Austell ..	T. H. Williams ..	H. W. Higman ..	W. Mason ..	E. R. Groves
36	Redruth ..	W. Chandler ..	G. P. Paige ..	F. Hichens, M.D..	H. D. Strange
37	Camborne ..	W. J. Bennetts ..	J. R. Daniell ..	J. T. Thomas ..	J. Williams
38	Phillack ..	C. Ellis ..	W. G. Kempthorne	Z. B. Mudge ..	Y. W. Chinn
39	Hayle ..	F. Harvey ..	E. Boase ..	do. ..	do.
40	Madron ..	T. R. Bolitho ..	A. Taylor ..	W. R. Wilson ..	W. N. Matthews
41	Paul ..	J. White, Jr. ..	W. Curnow ..	H. R. Phillips ..	W. F. Trembath
42	Ludgvan ..	P. D. Thomas ..	J. J. Hill ..	do. ..	J. N. Rowe
43	St. Just ..	S. James ..	P. H. Wallis ..	R. G. Nesbitt ..	J. Hodge





# CORNWALL COUNTY COUNCIL.

## Sanitary Committee.

### Report for the Year 1910.

#### VITAL STATISTICS.

##### POPULATION.

As the results of the 1911 Census have not yet been published, we are unable to state the correct population of the County, and have, therefore, been obliged still to use that given in the Committee's Annual Reports for the last 6 years as the basis on which to prepare the Statistical Tables, viz.:

For the Rural Districts	...	...	186,376
„ Urban „	...	...	136,329
For the County as a whole	...	...	322,705

Only in a few instances have the Medical Officers of Health ventured on an estimated population of their respective districts—the majority deeming it the wiser plan to wait for the Registrar General's authoritative figures.

##### BIRTHS.

In common with the rest of the country the condition of Cornwall's birth-rate is less favourable than in 1909. But the decline is not so pronounced as it is in the National rate. Compared with the average in the ten years 1900-1909, the birth-rate in 1910, showed a decrease of 1·7 per thousand,—the National decrease was 2·7 per thousand.

During 1910 6,753 births were registered, of which 3,449 were males and 3,304 females, giving a birth-rate of 20·92 per thousand, against 6,919 and 21·44 respectively for the previous year. The average rate for the last five years is 21·58. The previous five years' average was 21·79. It will thus be seen that the “down grade” has not been arrested, and the condition of the birth-rate remains unsatisfactory. Table 1 shows that in the Rural Districts 3,805 births were registered, of which 1,930 were males and 1,875 females, equal to a Rural birth-rate of 20·41 per thousand, and in the Urban 2,948, of which 1,519 were males and 1,429 females, equal to an Urban birth-rate of 21·62 per thousand.



The birth-rate in England and Wales in 1910 was 24·8 per thousand of the population, which the Registrar General says is 0·8 per thousand below the rate in 1909, and lower than the rate in any other year on record.

The rate for 77 Great Towns was 25, being 0·7 below last year's rate.

### DEATHS.

Deaths registered from all causes during the year numbered 4,621, of which 2,301 were males and 2,321 females, giving a general death-rate of 14·31 per 1,000, against 4,763 and 14·75 respectively for the previous year—a fractional decline of 0·44. Compared with the average rate in the ten years 1900-1909, the death-rate in 1910 showed a decrease of 1·00 per thousand. The average death-rate for the last five years is 14·69. The previous five years' average was 14·98. The rate is thus 0·29 within the five years' average, and 1·00 below the ten years' average.

The Rural Districts contributed 2,452 to the total deaths—1,216 males and 1,236 females, giving a Rural death-rate of 13·15 per 1,000; and the Urban Districts 2,169—1,085 males and 1,084 females, giving an Urban death-rate of 15·91 per thousand. Table 7 shows that, with the exception of the birth-rate, all the various rates were in favour of the Rural districts. Similar conditions have obtained for the last five years.

The death-rate in England and Wales in 1910 was 13·4 per thousand, which the Registrar General says was 1·1 per thousand below the rate in 1909 and lower than the rate in any other year on record. The rate in 77 Great Towns was 14·3 per thousand. Cornwall's rate of 14·31 this year is nearly a point higher than the National rate—a rather exceptional circumstance, but one which singularly enough happened in 1905 and to a lesser degree, the County rate being ·7 in excess of the rate for England and Wales.

### AGE AND RELATION TO DEATHS.

Table 2 shows that of the 4,621 deaths, 577 occurred under one year of age (against 669 last year); 199 between one and five years (34 less than last year); 156 between five and fifteen years (23 more than last year); 197 between fifteen and twenty-five years (31 less than last year); 1,443 between twenty-five and sixty-five years (56 less than last year); and 2,049 amongst persons of sixty-five and upwards (13 more than last year). The Table also shows how these deaths were distributed among the Rural and Urban districts.

By eliminating the deaths under five and sixty-five years and over, the mortality among the active portion of the County's population is arrived at. It will be seen that these were 1,796 (61 less than last year), giving as it were, a death-rate of 5·56 per thousand. Similarly, the mortality rate of the 776 deaths under five years (126 less than last year), would be 2·40 per thousand, and in like manner that of the 2,049 deaths of aged persons (13 more than last year) would be 6·34.

### ZYMOTIC DEATHS.

It is very gratifying to have to record another great improvement in the condition of the zymotic death-rate. For the last four years the rate has been declining. This year's decrease is very marked and is no less than 0·148 below last

year, *i.e.*, 27 per cent. better. Diseases taken as zymotics for statistical purposes are the following:—Small-pox, Measles, Scarlet Fever, Whooping Cough, Diphtheria and Membranous Croup, Typhus Fever, Enteric or Typhoid Fever, Continued Fever, Cholera, and Diarrhœa and Dysentery, and the zymotic death-rate is calculated upon the number of deaths occurring from these diseases. Table 3 shows that there were 127 deaths during 1910, giving a zymotic death-rate of 0·393 per thousand, against 175 and 0·541 respectively for 1909, 187 and 0·579 respectively for 1908, and 223 and 0·691 respectively for 1907. The zymotic deaths included Measles, 18 (against 32 in 1909); Scarlet Fever, 8 (against 9 in 1909); Whooping Cough, 23 (against 44 in 1909); Diphtheria and Membranous Croup, 39 (against 26 in 1909); Enteric or Typhoid Fever, 8 (against 13 in 1909); Continued Fever, 1; and Diarrhœa, 30 (against 51 in 1909). There were no deaths from Small-pox, Typhus Fever nor Cholera.

Once more we would revert to the striking fact borne out by this Table (3) that compulsory notification tends to the lowering of the mortality rate of Infectious diseases, for it shows that out of the 127 zymotic deaths, 71, that is 55·90 per cent. were due to the three zymotic diseases, *viz.*:—Measles, Whooping Cough and Diarrhœa, which are not notifiable. The percentages for the last three years were 74·88, 71 and 72·57 respectively.

The zymotic death-rate for England and Wales in 1910 was 0·99 per thousand, and for 77 Great Towns 1·23. Cornwall's rate of 0·393 is again very much lower than the rest of the Country.

## INFANTILE MORTALITY.

The condition of the Infantile death-rate still improves,—a very pleasing thing to record. There were 577 deaths under 1 year (inclusive of 133 premature births) against 669 in 1909, and 748 in 1908, giving a percentage of 12·46 of the total deaths, a death-rate of 1·78 per thousand of the County's population, and the proportion of 85·44 per thousand births. This proportion is 11·25 lower than last year. The death-rate and percentage are again each lower.

The relative proportions of the Rural and Urban Districts are as follows: *Rural*—303 deaths (inclusive of 74 premature deaths), giving a death-rate of 1·62 per thousand of its population, 12·35 per cent. of its deaths, and 79·63 per thousand births. *Urban*—274 deaths (inclusive of 59 premature deaths), giving a death-rate of 1·78 per thousand of its population, 12·63 per cent. of its population, and 92·94 per thousand births.

The last five years' average proportion per thousand births is 96·18. This year's Infant Mortality figure shews therefore a decided improvement, especially seeing that the previous five years' average was 102·67. As we remarked in our last Annual Report, undoubtedly the various educational and beneficent agencies now in operation, including Nursing Associations, the Midwives Act, and the issuing of pamphlets to poorer mothers on the proper rearing of children are bearing fruit.

The Infantile death-rate in England and Wales in 1910 was 106 per thousand births (three below the previous year), and for 77 Great Towns, 115.

## INFECTIOUS DISEASES.

There is a break this year in the decline in the notifiable Infectious disease rate of the last three years. The prevalence of Diphtheria is entirely responsible for this. During 1910, 1,157 cases were notified or ascertained—an increase of 170 cases. Table 6 shows the number of new cases of Infectious sickness coming to the knowledge of the Medical Officers of Health during the year. There were again no cases of Cholera, Typhus Fever, and Relapsing Fever reported for the year. In the Rural districts there were notified or ascertained one case of Small-pox (imported from Italy); 218 cases of Diphtheria (89 more than last year); 81 cases of Erysipelas; 286 cases of Scarlet Fever (90 less than last year); 23 cases of Enteric or Typhoid Fever (18 less than last year); 2 cases of Continued Fever; and 8 cases of Puerperal Fever (same number as last year); making a total of 619 cases, against 624 in 1909, giving a disease rate of 3·28 per 1,000 against 3·34 last year. In the Urban districts 538 cases were reported, equal to a disease rate of 3·94 per thousand, against 363 and 2·44 respectively for last year, and included 172 cases of Diphtheria (107 more than last year); 143 cases of Erysipelas (71 more than last year); 269 cases of Scarlet Fever (90 more than last year); 29 cases of Enteric or Typhoid Fever (19 less than last year); 1 case of Continued Fever; and 8 cases of Puerperal Fever. The number of cases for the whole County was therefore as above stated, 1,157, giving a disease rate of 3·58 per 1,000, against 987 and 3·05 respectively for the previous year. 135 of the cases were under five years and 1,022 above. The five years' average of the disease rate is 4·16. The previous five years' average was 4·26.

## MEASLES AND WHOOPING COUGH.

The fatalities from Measles during the year numbered 18, against 32 in 1909, and 3 in 1908; and from Whooping Cough, 23, against 44 in 1909, and 88 in 1908. 4 of the 18 deaths from Measles occurred in the Rural districts, as did also 16 of the 23 deaths from Whooping Cough. The advantage in regard to Measles this year is with the Rural districts, a reversal of the conditions obtaining last year; but in regard to Whooping Cough the Urban districts had the advantage. As these diseases are not notifiable, the number of the cases cannot be stated, and for the same reason the ratio of percentage of deaths cannot be given.

The mortality rates for the whole country are:—Measles, 0·05 per thousand against 0·09 last year; Whooping Cough, 0·07 against 0·13 last year.

For England and Wales the death-rates from Measles and Whooping Cough are respectively 0·23 and 0·24 per thousand; and for 77 Great Towns, 0·31 and 0·29. As usual Cornwall's rates are greatly lower than the National rates in regard to these infantile diseases.

## DIARRHŒA.

Diarrhœal diseases were responsible for 30 deaths, giving a death-rate of 0·09 per thousand, against 51 and 0·15 respectively for last year. Two-thirds of the deaths occurred in the Urban districts. Table 5 shows that 8 of the deaths, or 93·3 per cent. of the total number, were under 5 years of age. This percentage is five higher than last year, and 20 higher than in 1908. The hope we expressed in our last Annual Report that through the operation of the educational and other causes,



referred to under the head of Infantile mortality, a reduction of this excessively high percentage would soon be brought about, has not as yet been realised.

In England and Wales in 1910 the Diarrhoeal death-rate was 0·29 per thousand, practically the same as in the previous year; and for 77 Great Towns, 0·38, same as last year. It will thus be seen that whilst the National has been stationary, Cornwall's rate has declined 70 per cent.

### **SCARLET FEVER.**

Scarlet Fever was responsible for 8 deaths, against 9 the previous year and 15 in 1908, giving a death-rate of 0·02 per thousand. The number of cases notified, singularly enough, was the same as last year, viz. :—555. The percentage of deaths to attacks was 1·44, against 1·62 in 1909. In the Rural districts there were 3 deaths and 286 cases, which give a death-rate of 0·01 per thousand of the Rural population, and a ratio of 1·04 per cent. of the cases notified; and in the Urban districts there were 5 deaths and 269 cases, which give a death-rate of 0·03 per thousand of the Urban population, and a ratio of 1·84 per cent. of deaths to attacks. It will thus be seen that Scarlet Fever was more fatal and more virulent in the Urban districts than in the Rural—a reversal of the conditions obtaining last year.

For England and Wales the death-rate from Scarlet Fever in 1910 was 0·06 per thousand; and for 77 Great Towns, 0·08. Cornwall's rate of 0·02 again compares very favourably with that of the Country generally.

### **DIPHTHERIA AND MEMBRANOUS CROUP.**

There were 39 deaths from these combined diseases during the year, against 26 in 1909, and 28 in 1908, giving a death-rate of 0·12 per thousand, and a ratio of 10 per cent. of the cases notified. The death-rate is 0·04 higher than last year, but the ratio is better by 3·40 per cent., which is indicative of the milder type of the diseases. The Rural districts contributed 218 cases and 22 deaths, giving a Rural death-rate of 0·11 per thousand, and a Rural ratio of 10·09 per cent.; and the Urban district's contribution was 172 cases and 17 deaths, giving an Urban death-rate of 0·12 per thousand, and an Urban ratio of 9·88 per cent. It will be noticed by these figures that practically these diseases were equally divided between the two divisions of the county. Last year the advantage was in favour of the Urban portion.

The Diphtheritic death rate for England and Wales last year was 0·12 per thousand; and a similar rate for 77 Great Towns. Cornwall's rate (0·12), which is generally below the National one, this year, is identical with it.

### **ENTERIC OR TYPHOID FEVER.**

Only 8 deaths were caused by Enteric Fever during the year, giving a death rate of 0·02 per thousand of the County's population, against 13 and 0·04 respectively last year. The percentage of deaths to cases was 15·38. The death rate, it will be seen, is considerably better than 1909; but the ratio has not varied much—it was then 15·11. There was one death under 5 years of age. 4 deaths occurred in the Rural districts and 23 cases notified, giving a Rural death rate of 0·02 per thousand and a percentage of 17·39 deaths to attacks. The Urban districts contribution was 4 deaths, and 29 cases, giving an Urban death rate of also 0·02 per

thousand, and a ratio of 13.79 per cent. of deaths to attacks. This year the death-rate is the same in the two divisions of the County; but the ratio is in favour of the Urban portion.

For England and Wales the death rate for Enteric Fever last year was 0.05 per thousand, and the same rate for 77 Great Towns. Cornwall's rate of 0.02 is therefore 60 per cent. better than for the rest of the country.

### SMALL-POX.

It is a matter for congratulation that the County still keeps free from this terrible and loathsome disease. But as in 1909 so last year one case was reported. It occurred in the last week in December in Liskeard Rural district. The M.O.H., in his Annual Report says:—"The patient had come back straight from Italy, landing at Plymouth and sleeping the night there. The next day he came by train to Liskeard, and proceeded in a hired conveyance to his home, some seven or eight miles distant. The next day he felt very ill, and the day following the characteristic symptoms appeared. The case was a severe one, but the patient has happily recovered and is able to resume his work. All the inmates of the house were at once vaccinated, and a considerable number of those residing in the immediate neighbourhood sought protection in like manner. Fortunately the house in which the patient was located was more or less isolated, and it is a matter for great congratulation that the disease did not spread."

With respect to Small-pox and its natural corollaries, vaccination and isolation provision, we cannot do better than to repeat what we said in our last Annual Report:—"In regard to precautions against this terrible disease the Sanitary Authorities, with but few exceptions, appear to be waiting for epidemics to break out before taking action in the matter of Isolation provision. Adherence to the principles of a false economy sometimes leads to costly expenditure, and in this matter of want of Isolation provision, subsequent events may prove it to be wrong, both economically and to the general health. The Medical Officers of Health, in their Annual Reports, lay great stress on the fact that the Vaccination Act, by recent legislation, is really permissive in its character, and is virtually a dead letter. Consequently a large proportion of the population is now rising up without vaccination; and, in their opinion, vaccination is the best safeguard against Small-pox."

### INFLUENZA.

The deaths assignable to Influenza during the year numbered 53, giving a death-rate of 0.16 per thousand, against 38 and 0.11 respectively for the previous year, and 49 and 0.15 respectively for 1908. Although there is an increase of 15 deaths, the disease does not appear to have assumed epidemic form in any particular district. And the deaths were spread over the whole year. The returns again show that Influenza was more fatal in the Rural districts than in the Urban—an inexplicable condition that has existed for the last five years. The Rural districts contributed 38 deaths, equal to a death rate of 0.20 per thousand of the Rural population, against 26 and 0.13 respectively last year; and the Urban districts contribution was 15 deaths, equal to death-rate of 0.11 per thousand of the Urban population, against 12 and 0.08 respectively last year.

## CANCER.

It is with much gratification that we are able to report a decided improvement under the head of Cancer. Since 1903 this baffling disease has been increasing, with the exception of 1907, when there was a welcome break in the upward tendency. But this year the deaths have considerably lessened in number.

During the year 353 deaths occurred, being 27 less than in the previous year. The highest number of deaths occurred in the Rural districts as it generally does, but its death-rate is lower than the Urban's, by reason of the former's greater population. Tables 3 and 4 show that the distribution and rates were:—

Rural ...	191 deaths; death-rate 1·02 per thousand.
Urban ...	162 deaths; death-rate 1·18 per thousand.
County ...	353 deaths; death-rate 1·09 per thousand.

## PHTHISIS.

There were 405 deaths due to Pulmonary Tuberculosis, giving a death-rate of 1·23 per thousand of the County's population, and a percentage of 8·76 of the total deaths, against 404, 1·23 and 8·42 respectively in 1909. The death-rate is, therefore, practically the same as last year; but the percentage is 0·34 higher. Deaths from other forms of the disease also have not varied much from last year—the number being 118 against 114. The sexes and age periods of these deaths cannot be given, as only in a few instances is this information supplied. The average death-rate from Phthisis for the last five years is 1·29 per thousand, and from other forms of Tuberculosis, 0·33. The previous five years' averages were respectively 1·32 and 0·34. In the Rural districts 191 deaths were registered, equal to a death-rate of 1·02 per thousand of the Rural population, and 7·79 per cent. of its total deaths; and in the Urban districts 214 deaths occurred, equal to a death-rate of 1·56 per thousand of the Urban population, and 9·91 per cent. of its total deaths. The figures again demonstrate the advantage of Rural life over Urban life in regard to Tuberculosis diseases. In support of the National crusade against the "White Scourge," two Tuberculosis Exhibitions, inaugurated by the County Sanitary Committee, and under the auspices of the County Council, were held in October, one at Truro and the other at Bodmin. Lectures on the subject of the Prevention of Consumption were given by various District M.O.H.'s. The attendance at each place was very gratifying, and the lectures were of great educational value. It is hoped and believed that much good will result therefrom.

## ACCIDENTS AND SUICIDES.

During the year the number of deaths reported as due to violence was 144—123 from Accidents and 21 from Suicides, against 130 and 32 respectively for the previous year. 67 of the Accidents and 11 Suicides occurred in the Rural districts, and 56 Accidents and 10 Suicides in the Urban districts. The death-rate equals 0·44 per thousand, and the percentage to the total deaths is—for the whole County 3·11; for the Rural districts 3·58; and for the Urban 3·04.



# METEOROLOGY.

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**RAINFALL.**—1910 was a very wet year—the mean total rainfall being 46·48 inches, 11·83 inches more than fell in the previous year. The average of the 5 years ending December 31st was 38·49 inches. The previous 5 years' average was 35·98 inches. The total rainfall at Greenwich was 28·06 inches. The highest rainfall was at Liskeard (59·44), and the lowest at Tintagel (35·96 inches). The wettest month was December (7·58 inches), and the driest was March (0·98 inch).

**TEMPERATURE.**—The mean temperature for the whole County was 51·17 degrees, against 50·27 degrees for 1909. The mean temperature at Greenwich was 49·7 degrees, against 48·6 degrees in 1909. By Table 13 it will be seen that Cornwall's mean temperature for the Winter months was 45·35 degrees, against 43·63 degrees for 1909, and 45·23 degrees for 1908; and for the Summer months 56·98 degrees, against 56·92 for 1909, and 57·90 for 1908. The highest mean temperature occurred in August (60·75 degrees), and the lowest in January (43·59 degrees). The mean daily range of temperature was 10·70 degrees, and ranged from 13·08 degrees in May to 7·59 degrees in December. The highest mean temperature for the year was at the Lizard Lights Station (53·74 degrees), and the lowest at Launceston (49·12 degrees).

**HUMIDITY.**—The relative humidity of the air was 82 per cent., against 81 for 1909, and also for 1908 and 1907, and ranged from 87 in February to 76 in May.

**SUNSHINE.**—The total hours of bright sunshine recorded at six stations numbered 10,055, giving an average of 1,676 hours to each station. The previous year's total (from seven stations) was 13,588, and average 1,941. The highest recorded was at Bosahan (1,747), and the lowest at Falmouth (1,486). Fowey's total of 943 hours is only for 7 months (June to December).

This is the last Annual Report the County Sanitary Committee will be directly responsible for. Under the new era just now begun this work will devolve on the County Medical Officer (Dr. Robert Burnet). We confidently hope and believe that the new *régime* will be resultive of a vastly improved sanitary condition, and consequent reduction in the general death-rate, the zymotic death-rate, and the Infectious disease-rate.

*Signed on behalf of the Committee,*

JOHN R. DE C. BOSCAWEN,

CHAIRMAN.

Truro, May, 1911.



# BIRTHS AND DEATHS, 1910.

Table No. 1.

No. of District in Report.	SANITARY DISTRICT.	Population, 1901.	BIRTHS.			Birth-rate per 1,000.	DEATHS.			Death-rate per 1,000.	Natural Increase.	Deaths under 1 year per 1,000 births.	Zymotic Death-rate per 1,000 of the population.
			Male.	Female.	Total.		Male.	Female.	Total.				
RURAL.													
1	Stratton ..	5,009	49	50	99	19·76	28	22	50	9·98	49	80·80	0·399
2	Launceston ..	7,797	62	67	129	16·46	48	45	93	11·92	36	62·01	0·128
3	Calstock ..	5,874	47	66	113	19·23	34	31	65	11·06	48	44·24	0·170
4	Boscastle ..	2,176	31	21	52	23·89	18	12	30	13·78	22	115·38	0·919
5	Camelford ..	5,012	60	75	135	26·92	37	33	70	13·96	65	96·29	0·598
6	Liskeard ..	15,674	143	115	258	16·45	95	90	185	11·80	73	85·27	0·127
7	St. Germans ..	14,386	129	114	243	16·89	71	65	136	9·45	107	65·84	0·139
8	Bodmin ..	10,393	100	108	208	20·01	59	75	134	12·89	74	52·88	Nil
9	St. Columb ..	10,747	106	117	223	20·74	67	79	146	13·58	77	53·81	0·496
10	St. Austell ..	29,597	369	362	731	24·69	205	203	408	13·78	323	90·28	0·506
11	Truro ..	22,062	221	187	408	18·04	162	145	307	13·91	101	68·63	0·406
12	Redruth ..	18,383	227	237	464	25·29	129	159	288	15·66	176	96·98	0·108
13	East Kerrier ..	8,192	74	79	153	18·67	46	63	109	13·30	44	71·89	0·366
14	Helston ..	17,685	205	166	371	20·97	138	119	257	14·53	114	91·64	0·508
15	West Penwith ..	11,298	92	95	187	16·55	76	83	159	14·07	28	85·55	0·177
16	Scilly Isles ..	2,092	15	16	31	14·81	3	12	15	7·17	16	64·51	Nil
		186,376	1930	1875	3805	20·41	1216	1236	2452	13·15	1353	79·63	0·316
URBAN.													
17	Callington ..	1,714	19	13	32	18·66	12	10	22	12·83	10	93·75	Nil
18	Stratton & Bude ..	2,308	27	20	47	20·36	23	19	42	18·19	5	106·30	0·866
19	Launceston ..	4,053	40	29	69	17·02	36	33	69	17·02	Nil	57·97	Nil
20	Liskeard ..	4,010	42	24	66	16·03	43	29	72	17·95	-6	121·21	Nil
21	Torpoint ..	4,524	60	49	109	24·09	35	25	60	13·24	49	73·39	Nil
22	Looe ..	2,548	27	25	52	20·40	12	13	25	9·80	27	57·69	0·784
23	Saltash ..	3,357	43	44	87	25·61	21	24	45	13·40	42	45·97	0·298
24	Bodmin ..	5,981	58	52	110	18·39	88	32	170	28·42	-60	54·54	0·501
25	Lostwithiel ..	1,331	9	13	22	16·52	8	7	15	11·26	7	Nil	0·751
26	Wadebridge ..	2,186	19	19	38	17·38	7	15	22	10·06	16	Nil	Nil
27	Truro City ..	11,557	97	100	197	17·04	83	93	176	15·22	21	111·67	0·692
28	Penryn ..	3,190	36	32	68	21·31	19	22	41	12·85	27	117·64	Nil
29	Falmouth ..	11,789	112	133	245	20·78	85	95	180	15·26	65	85·71	1·424
30	Helston ..	3,088	33	30	63	20·40	23	39	62	20·07	1	111·11	0·971
31	St. Ives ..	6,699	81	78	159	23·73	47	55	102	15·22	57	125·78	0·746
32	Penzance ..	13,136	127	118	245	18·65	117	103	220	16·75	25	114·28	1·294
33	Padstow ..	1,566	21	17	38	24·26	10	11	21	13·40	17	52·63	0·638
34	Newquay ..	4,200	38	40	78	18·57	27	19	46	10·95	32	51·28	Nil
35	St. Austell ..	3,340	31	35	66	19·76	33	30	63	18·86	3	45·45	0·898
36	Redruth ..	10,451	142	109	251	24·01	84	80	164	15·69	87	119·52	0·478
37	Camborne ..	14,726	209	175	384	26·07	119	129	248	16·84	136	138·02	0·135
38	Phillack ..	3,881	42	35	77	19·84	26	17	43	11·07	34	77·90	Nil
39	Hayle ..	1,084	5	10	15	13·83	9	11	20	18·45	-5	200·00	0·922
40	Madron ..	3,486	42	46	88	25·24	24	38	62	17·77	26	90·90	0·860
41	Paul ..	6,332	61	66	127	20·05	29	36	65	10·26	62	39·37	0·473
42	Ludgvan ..	2,274	25	31	56	24·62	12	13	25	10·99	31	89·28	Nil
43	St. Just ..	5,646	73	86	159	28·16	53	36	89	15·76	70	44·02	0·531
		136,329	1519	1429	2948	21·62	1085	1084	2169	15·91	779	92·94	0·491
	Rural ..	186,376	1930	1875	3805	20·41	1216	1236	2452	13·15	1353	79·63	0·316
	Urban ..	136,329	1519	1429	2948	21·62	1085	1084	2169	15·91	779	92·94	0·491
	County ..	322,705	3449	3304	6753	20·92	2301	2320	4621	14·31	2132	85·44	0·390

NOTE—The following deaths in Workhouses, Infirmarys, Asylums, &c., are included in the above Table—Launceston (Rural), 1; Calstock (Rural), 5; Camelford (Rural), 6; St. Columb (Rural), 7; Truro (Rural), 20; East Kerrier (Rural), 9; Stratton and Bude (Urban), 11; Launceston (Urban), 5; Liskeard (Urban), 15; Torpoint (Urban), 6; Saltash (Urban), 2; Bodmin (Urban), 110; Truro City, 13; Falmouth (Urban)—on High seas—4; Helston (Urban), 24; St. Austell (Urban), 19; Redruth (Urban), 16; and Madron (Urban), 26. Total, 299.

# MORTALITY FROM ALL CAUSES,

at subjoined Ages—1910.

Table No. 2.

No. of District in Report.	SANITARY DISTRICT.	Population, 1901.	Deaths at all ages.	Rate per 1,000.	Under 1 year.	Rate per 1,000.	1 and under 5.	Rate per 1,000.	5 and under 15.	Rate per 1,000.	15 and under 25.	Rate per 1,000.	25 and under 65.	Rate per 1,000.	65 and over.	Rate per 1,000.
RURAL.																
1	Stratton ..	5,009	50	9.98	8	1.59	3	0.59	2	0.39	5	0.99	15	2.99	17	3.39
2	Launceston ..	7,797	93	11.92	8	1.02	1	0.12	5	0.64	2	0.25	33	4.23	44	5.63
3	Calstock ..	5,874	65	11.06	5	0.85	1	0.17	2	0.34	3	0.51	21	3.59	33	5.61
4	Boscastle ..	2,176	30	13.78	6	2.75	1	0.45	1	0.45	2	0.91	7	3.21	13	5.97
5	Camelford ..	5,012	70	13.96	13	2.59	5	0.99	..	..	1	0.19	17	3.39	34	6.78
6	Liskeard ..	15,674	185	11.80	22	1.40	3	0.18	6	0.37	5	0.31	55	3.50	94	5.99
7	St. Germans ..	14,386	136	9.45	16	1.11	4	0.27	8	0.56	8	0.56	48	3.33	52	3.61
8	Bodmin ..	10,393	134	12.89	11	1.05	5	0.48	..	..	8	0.76	45	4.32	65	6.25
9	St. Columb ..	10,747	146	13.58	12	1.11	7	0.65	8	0.74	14	1.30	39	3.62	66	6.14
10	St. Austell ..	29,597	408	13.78	66	2.23	18	0.60	18	0.60	19	0.64	129	4.35	158	5.33
11	Truro ..	22,062	307	13.91	28	1.27	14	0.63	12	0.54	10	0.45	81	3.67	162	7.34
12	Redruth ..	18,383	288	15.66	45	2.44	9	0.48	4	0.21	9	0.48	92	5.00	129	7.04
13	East Kerrier ..	8,192	109	13.30	11	1.34	3	0.36	5	0.61	..	..	27	3.29	63	7.69
14	Helston ..	17,685	257	14.53	34	1.92	13	0.73	5	0.28	9	0.50	66	3.73	130	7.35
15	West Penwith ..	11,298	159	14.07	16	1.41	7	0.59	2	0.17	8	0.70	45	3.98	81	7.16
16	Scilly Isles ..	2,092	15	7.17	2	0.95	1	1.47	..	..	1	0.47	2	0.95	9	4.30
		186,376	2,452	13.15	303	1.62	95	0.50	78	0.41	104	0.55	722	3.88	1150	6.17
URBAN.																
17	Callington ..	1,714	22	12.83	3	1.75	2	1.16	..	..	..	..	11	6.41	6	3.50
18	Stratton & Bude	2,308	42	18.19	5	2.16	1	0.43	..	..	5	2.16	14	6.06	17	7.36
19	Launceston ..	4,053	69	17.02	4	0.98	5	1.23	1	0.24	3	0.73	24	5.92	32	7.89
20	Liskeard ..	4,010	72	17.95	8	1.99	2	0.49	1	0.24	3	0.74	22	5.48	36	8.97
21	Torpoint ..	4,524	60	13.24	8	1.76	1	0.22	4	0.88	5	1.10	21	4.64	21	4.64
22	Looe ..	2,548	25	9.80	3	1.17	1	0.39	1	0.39	..	..	10	3.92	10	3.92
23	Saltash ..	3,357	45	13.40	4	1.17	1	0.29	2	0.59	4	1.17	19	5.66	15	4.46
24	Bodmin ..	5,981	170	28.42	6	1.00	3	0.50	..	..	..	..	67	11.20	94	15.71
(including Gaol and Asylum)																
Do. excluding do.		(4,372)	(60)	(13.72)	(6)	(1.37)	(3)	(0.68)	..	..	..	..	(20)	(4.57)	(31)	(7.09)
25	Lostwithiel ..	1,331	15	11.26	..	..	1	0.75	1	0.75	..	..	4	3.00	9	6.75
26	Wadebridge ..	2,186	22	10.06	1	0.45	..	..	2	0.91	1	0.45	8	3.65	10	4.57
27	Truro City ..	11,557	176	15.22	22	1.90	8	0.69	5	0.43	8	0.69	70	6.05	63	5.45
28	Penryn ..	3,190	41	12.85	8	2.50	2	0.62	3	0.94	3	0.94	10	3.13	15	4.70
29	Falmouth ..	11,789	180	15.26	21	1.78	8	0.68	6	0.50	13	1.10	65	5.51	67	5.68
30	Helston ..	3,088	62	20.07	7	2.26	4	1.29	2	0.64	..	..	14	4.53	35	11.33
31	St. Ives ..	6,699	102	15.22	20	2.98	6	0.89	2	0.29	2	0.29	30	4.47	42	6.28
32	Penzance ..	13,136	220	16.75	28	2.13	15	1.14	12	0.91	11	0.83	59	4.49	95	7.23
33	Padstow ..	1,566	21	13.40	2	1.27	1	0.63	..	..	4	2.54	3	1.91	11	7.02
34	Newquay ..	4,200	46	10.95	4	0.95	1	0.23	1	0.23	3	0.71	21	5.00	16	3.80
35	St. Austell ..	3,340	63	18.86	3	0.89	3	0.89	4	1.19	..	..	21	6.28	32	9.56
36	Redruth ..	10,451	164	15.69	30	2.86	5	0.47	12	1.14	6	0.57	57	5.45	54	5.16
37	Camborne ..	14,726	248	16.84	53	3.59	15	1.02	2	0.13	3	0.19	92	6.24	83	5.63
38	Phillack ..	3,881	43	11.07	6	1.54	2	0.51	3	0.77	1	0.25	10	2.57	21	5.41
39	Hayle ..	1,084	20	18.45	3	2.76	..	..	1	0.92	1	0.92	6	5.53	9	8.30
40	Madron ..	3,486	62	17.77	8	2.29	..	..	2	0.57	4	1.14	12	3.44	36	10.32
41	Paul ..	6,332	65	10.26	5	0.78	7	1.15	4	0.63	6	0.94	19	3.00	24	3.79
42	Ludgvan ..	2,274	25	10.99	5	2.19	2	0.87	1	0.43	1	0.43	5	2.19	11	4.83
43	St. Just ..	5,646	89	15.76	7	1.23	8	1.41	6	1.06	6	1.06	27	4.78	35	6.19
		136,329	2,169	15.91	274	2.09	104	0.76	78	0.57	93	0.60	721	5.29	889	6.59
Rural ..		186,376	2,452	13.15	303	1.62	95	0.50	78	0.41	104	0.55	722	3.88	1150	6.17
Urban ..		136,329	2,169	15.91	274	2.09	104	0.76	78	0.57	93	0.60	721	5.29	889	6.59
County ..		322,705	4,621	14.31	577	1.78	199	0.61	156	0.45	197	0.61	1443	4.47	2049	6.34

NOTE—Deaths in Workhouses, Infirmaries, Asylums, etc., are included in the above Table as per details at foot of preceding Table. This accounts for the high death-rate of some districts—notably Liskeard (Urban), Bodmin (Urban), Helston (Urban), St. Austell (Urban), Redruth (Urban), and Madron (Urban).



# MORTALITY FROM SUBJOINED CAUSES, 1910.

Table No. 3.

No. of District in Report.	SANITARY DISTRICT.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diph. and Membr. Croup.	Typhus Fever.	Enteric Fever.	Other Continued Fever.	Epidemic Influenza.	Cholera.	Plague.	Diarrhoea.	Enteritis.	Gastritis.	Puerperal Fever.	Erysipelas.	Phthisis.	Other Tubercular Diseases.	Cancer, Malignant Disease.	Bronchitis.	Pneumonia.	Pleurisy.	Other Diseases of Respiratory Organs.	Alcoholism.	Cirrhosis of Liver.	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other diseases and causes.	Total Deaths.	Total death-rate per 1,000 of the population.	Zymotic Deaths.	Zymotic death-rate per 1,000 of the population.		
RURAL.		Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
1	Stratton	...	...	...	1	...	...	...	...	1	...	...	...	1	...	...	...	4	2	...	5	...	...	1	...	...	...	2	...	6	3	2	22	50	9.98	2	0.399		
2	Launceston	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	10	1	6	8	...	...	4	2	1	...	1	2	20	2	35	93	11.92	1	0.128				
3	Calstock	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	8	5	8	3	...	...	...	...	...	...	...	...	9	1	23	65	11.06	1	0.170				
4	Boscastle	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	2	2	1	...	...	2	...	...	...	...	...	...	5	...	11	30	13.78	2	0.919				
5	Camelford	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	4	3	6	7	4	...	...	...	...	...	...	...	3	...	33	70	13.96	3	0.598				
6	Liskeard	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	11	8	14	13	12	...	...	5	...	...	...	4	1	45	7	60	185	11.80	2	0.127			
7	St. Germans	...	...	...	1	1	...	...	...	...	...	...	...	2	...	1	2	12	4	9	11	8	...	...	...	1	...	3	18	2	51	136	9.45	2	0.139				
8	Bodmin	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	8	1	7	8	17	...	...	1	...	...	3	3	16	5	61	134	12.89	Nil	...				
9	St. Columb	...	...	...	2	...	...	3	...	...	...	...	...	...	...	...	8	...	5	14	8	...	3	...	...	...	3	1	17	2	78	146	13.58	5	0.469				
10	St. Austell	...	...	1	4	10	...	...	...	...	...	...	...	3	6	...	27	12	29	43	26	1	...	...	5	1	17	1	81	14	121	408	13.78	15	0.506				
11	Truro	...	...	...	4	4	...	...	...	...	...	...	1	4	2	...	29	4	27	17	11	...	3	1	...	...	5	...	33	9	150	307	13.91	9	0.406				
12	Redruth	...	...	...	...	...	...	...	...	...	...	...	2	1	1	...	26	14	23	17	10	...	...	...	2	...	18	1	22	7	137	288	15.66	2	0.108				
13	East Kerrier	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	10	...	11	4	2	...	1	...	...	...	...	3	15	3	57	109	13.30	3	0.366				
14	Helston	...	2	...	4	...	...	...	...	...	...	...	3	3	...	1	19	8	25	18	13	...	1	1	...	...	8	...	42	6	92	257	14.53	9	0.508				
15	West Penwith	...	...	1	1	1	...	...	...	...	...	...	...	3	1	...	11	5	17	12	5	...	1	6	...	...	3	3	23	5	58	159	14.07	2	0.177				
16	Scilly Isles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	3	...	...	...	...	...	...	...	...	...	...	1	...	7	15	7.17	1	0.477		
		...	4	3	16	22	1	4	38	...	10	18	12	2	3	191	69	191	180	126	8	20	10	1	74	12	356	67	11	1003	2452	13.15	59	0.316					
URBAN.																																							
17	Callington	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	2	3	2	2	...	...	...	...	1	...	2	...	5	1	...	8	22	12.83	Nil	...
18	Stratton & Bude	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	6	2	10	5	4	...	...	1	...	...	...	...	14	2	...	21	42	18.19	2	0.866			
19	Launceston	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	5	6	8	...	...	...	...	...	...	...	13	1	...	25	69	17.02	Nil	...			
20	Liskeard	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	5	2	5	6	8	...	...	...	...	...	...	...	13	1	...	28	72	17.95	Nil	...			
21	Torpoint	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	3	4	...	3	...	...	...	...	...	...	...	12	1	...	24	60	13.24	Nil	...			
22	Looe	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	3	...	6	...	...	2	...	...	...	...	...	...	3	...	...	...	...	...	8	25	9.80	2	0.784
23	Saltash	...	...	...	...	...	1	1	...	...	...	...	...	2	...	...	6	1	6	7	1	...	2	2	...	...	...	...	2	3	1	9	45	13.40	1	0.298			
24	Bodmin	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	22	...	9	7	19	...	...	...	1	1	...	...	28	1	77	170	28.35	3	0.501				
25	Lostwithiel	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	...	1	...	...	...	1	...	...	...	...	...	1	...	...	6	15	11.26	1	0.751		
26	Wadebridge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	...	...	4	...	...	11	22	10.06	Nil	...		
27	Truro City	...	...	3	4	...	...	...	2	...	...	...	1	1	...	...	15	4	12	18	...	...	...	...	...	...	...	...	4	...	11	1	2	98	176	15.22	8	0.692	
28	Penryn	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1	1	4	2	...	...	...	...	...	...	...	...	5	1	...	19	41	12.85	Nil	...		
29	Falmouth	...	2	...	...	...	...	2	...	...	...	...	3	...	...	...	12	5	14	16	11	1	1	1	...	...	...	1	17	8	1	83	180	15.26	5	0.424			
30	Helston	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	3	...	4	8	5	...	...	...	...	...	...	...	1	11	...	...	26	62	20.07	3	0.971		
31	St. Ives	...	...	...	1	...	...	2	...	...	...	...	2	...	2	...	9	...	7	15	...	...	...	...	...	...	...	...	...	...	...	...	55	102	15.22	5	0.746		
32	Penzance	...	10	...	2	...	...	...	...	1	...	...	...	...	2	...	12	6	16	14	14	2	...	...	1	...	...	33	7	90	220	16.75	17	1.294					
33	Padstow	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	4	2	...	...	...	...	...	...	...	2	...	...	...	5	2	13.40	1	0.638		
34	Newquay	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	1	4	1	2	...	...	...	...	...	...	1	3	1	3	...	25	46	10.95	Nil	...		
35	St. Austell	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	7	6	4	...	...	...	...	...	...	...	...	16	3	1	22	63	18.86	3	0.898			
36	Redruth	...	...	1	4	...	...	...	...	...	...	...	...	...	...	...	10	2	10	11	6	...	...	...	...	...	...	...	6	...	21	4	...	89	164	15.69	5	0.478	
37	Camborne	...	...	...	...	...	...	2	...	...	...	...	2	9	1	...	45	6	15	22	10	...	1	1	...	...	14	1	25	8	...	85	248	16.84	2	0.135			
38	Phillack	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	3	2	3	2	...	...	...	1	...	...	...	1	...	5	...	...	20	43	11.07	Nil	...	
39	Hayle	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	20	18.45	1	0.922	
40	Madron	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	8	1	2	4	2	...	...	...	...	...	...	...	...	6	1	...	32	62	17.77	3	0.860		
41	Paul	...	1	...	2	...	...	...	2	...	...	...	...	...	...	1	8	4	4	3	...	...	...	...	...	...	...	...	...	5	2	...	28	65	10.26	3	0.473		
42	Ludgvan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	2	4	...	...	...	...	...	...	...	...	...	4	1	...	8	25	10.99	Nil	...		
43	St. Just	...	...	...	1	2	...	1	...	...	...	...	1	...	...	...	22	3	8	5	...	...	...	1	...	...	...	...	2	...	9	5	...	24	89	15.76	3	0.351	
Rural		...	4	3	16	22	1	4	38	...	10	18	12	2	3	191	69	191	180	126	8	20	10	1	74	12	356	67	11	1003	2452	13.15	59	0.316					
Urban		...	14	5	7	17	2	4	115	...	20	15	6	3	3	214	49	162	170	109	6	10	10	4	59	4	261	56	10	933	2169	15.91	68	0.498					
County		...	18	8	23	39	3	8	153	...	30	33	18	5	6	405	118	353	350	235	14	30	20	5	133	16	617	123	21	1936	4621	14.31	127	0.393					

NOTE.—Diseases marked Z at top of columns are counted Zymotics.

# MORTALITY RATES

Per 1,000 of the Population in all Tabulated Diseases—1910.

Table No. 4.

No. of District in Report.	SANITARY DISTRICT.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Memb. Group.	Croup.	Typhus Fever.	Enteric Fever.	Other Continued Fever.	Epidemic Influenza.	Cholera.	Plague.	Diarrhoea.	Enteritis.	Gastritis.	Puerperal Fever.
	RURAL.	Z	Z	Z	Z	Z		Z	Z	Z		Z	Z	Z			
1	Stratton ..	..	..	..	0·19	..	..	..	..	..	0·19	..	..	0·19	..	..	..
2	Launceston ..	..	..	..	..	0·12	..	..	..	..	..	..	..	..	..	..	..
3	Calstock ..	..	..	0·17	..	..	..	..	..	..	0·17	..	..	..	..	..	..
4	Boscastle ..	..	..	..	..	..	..	..	..	..	1·37	..	..	0·91	0·45	..	..
5	Camelford ..	..	..	..	0·59	..	..	..	..	..	0·59	..	..	..	..	..	..
6	Liskeard ..	..	..	0·06	..	..	..	..	..	..	0·12	..	..	0·06	..	0·06	..
7	St. Germans ..	..	..	..	0·06	0·06	..	..	..	..	0·13	..	..	..	0·13	..	0·06
8	Bodmin ..	..	..	..	..	..	..	..	..	..	0·28	..	..	..	0·09	..	..
9	St. Columb ..	..	..	..	0·18	..	..	..	0·27	..	0·09	..	..	..	..	0·09	..
10	St. Austell ..	..	..	0·03	0·13	0·33	..	..	..	..	0·13	..	..	..	0·10	0·20	..
11	Truro ..	..	..	..	0·18	0·18	..	..	..	..	0·09	..	..	0·04	0·18	0·09	..
12	Redruth ..	..	..	..	..	..	..	..	..	..	0·32	..	..	0·10	0·05	0·05	..
13	East Kerrier ..	..	0·24	..	..	..	..	..	0·12	..	..	..	..	..	..	..	..
14	Helston ..	..	0·11	..	..	0·22	..	..	..	..	0·50	..	..	0·16	0·16	..	0·05
15	West Penwith ..	..	..	..	0·08	0·08	0·08	..	..	..	0·08	..	..	..	0·26	0·08	..
16	Scilly Isles ..	..	..	..	..	0·47	..	..	..	..	..	..	..	..	..	..	..
	URBAN.	0·00	0·02	0·01	0·08	0·11	0·00	0·00	0·02	0·00	0·20	0·00	0·00	0·05	0·09	0·06	0·01
17	Callington ..	..	..	..	..	..	..	..	..	..	0·58	..	..	..	..	..	..
18	Stratton & Bude ..	..	..	..	..	0·43	..	..	0·43	..	..	..	..	..	..	..	..
19	Launceston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Liskeard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·24	0·24	..
21	Torpoint ..	..	..	..	..	..	..	..	..	..	0·22	..	..	..	0·22	..	..
22	Looe ..	..	..	..	..	..	..	..	..	..	..	..	..	0·78	..	..	..
23	Saltash ..	..	..	..	..	..	..	..	0·29	..	0·29	..	..	..	0·59	..	..
24	Bodmin ..	..	..	..	0·33	..	..	..	..	..	0·16	..	..	0·16	..	..	..
25	Lostwithiel ..	..	..	0·75	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Wadebridge ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Truro City ..	..	..	0·25	0·34	..	..	..	..	..	0·17	..	..	0·08	0·08	..	..
28	Penryn ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·62	..
29	Falmouth ..	..	0·17	..	..	..	..	..	..	..	0·17	..	..	0·25	..	..	..
30	Helston ..	..	0·32	..	..	0·64	..	..	..	..	..	..	..	..	..	..	..
31	St. Ives ..	..	..	..	..	0·14	..	..	0·29	..	..	..	..	0·29	..	..	0·29
32	Penzance ..	..	0·76	..	..	0·15	..	..	..	..	0·07	..	..	0·38	0·15	..	..
33	Padstow ..	..	..	0·63	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Newquay ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	St. Austell ..	..	..	..	..	0·89	..	..	..	..	..	..	..	..	..	..	..
36	Redruth ..	..	..	..	0·09	0·38	..	..	..	..	..	..	..	..	..	..	..
37	Camborne ..	..	..	..	..	..	..	..	..	..	0·13	..	..	0·13	0·61	0·06	..
38	Phillack ..	..	..	..	..	..	..	..	..	..	0·57	..	..	..	..	..	..
39	Hayle ..	..	..	..	..	0·92	..	..	..	..	..	..	..	..	..	..	..
40	Madron ..	..	..	..	..	..	..	..	..	..	..	..	..	0·86	..	..	..
41	Paul ..	..	0·15	..	..	0·31	..	..	..	..	0·31	..	..	..	..	..	0·15
42	Ludgvan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	St. Just ..	..	..	..	..	0·17	0·35	..	..	0·17	..	..	..	..	0·17	..	..
		0·00	0·10	0·03	0·05	0·12	0·01	0·00	0·02	0·00	0·11	0·00	0·00	0·14	0·11	0·04	0·02
	Rural ..	0·00	0·02	0·01	0·08	0·11	0·00	0·00	0·02	0·00	0·20	0·00	0·00	0·05	0·09	0·06	0·01
	Urban ..	0·00	0·10	0·03	0·05	0·12	0·01	0·00	0·02	0·00	0·11	0·00	0·00	0·14	0·11	0·04	0·02
	County ..	0·00	0·05	0·02	0·07	0·12	0·01	0·00	0·02	0·00	0·16	0·00	0·00	0·00	0·09	0·05	0·01

NOTE.—The total death-rate from all causes for the whole County was 14·31 per 1,000 of the population. The Zymotic death-rate was 0·393 per 1,000.



# MORTALITY RATES

Per 1,000 of the Population in all Tabulated Diseases—1910.

**Table No. 4—continued.**

Erysipelas.	Phthisis.	Other Tubercular Diseases.	Cancer.	Bronchitis.	Pneumonia.	Pleurisy.	Other Diseases of Respiratory Organs.	Alcoholism, Cirrhosis of Liver.	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other Causes.	SANITARY DISTRICT.	No. of District in Report.
RURAL.																	
..	0.79	0.39	..	0.99	..	..	0.19	..	..	0.39	..	1.19	0.59	0.39	4.39	Stratton	1
..	1.28	0.12	0.77	1.02	0.51	0.25	0.12	..	..	0.12	0.25	2.56	0.25	..	4.48	Launceston	2
..	1.36	0.85	1.36	0.51	0.68	..	0.17	..	..	..	..	1.53	0.17	0.17	3.93	Calstock	3
..	0.91	0.91	0.45	..	0.91	..	..	..	..	0.45	..	2.29	..	..	5.05	Boscastle	4
..	0.79	0.59	1.19	1.39	0.79	..	0.19	..	..	0.59	..	0.59	..	..	6.58	Camelford	5
..	0.72	0.51	0.89	0.82	0.74	..	0.31	..	..	0.25	0.06	2.87	..	..	3.82	Liskeard	6
0.13	0.83	0.27	0.62	0.76	0.56	..	..	0.06	..	0.20	..	1.25	0.13	0.06	4.03	St. Germans	7
..	0.76	0.09	0.67	0.76	1.63	..	0.09	..	..	0.28	0.28	1.53	0.48	..	5.86	Bodmin	8
..	0.74	..	0.46	1.30	0.74	0.27	..	..	..	0.27	0.09	1.58	0.18	..	7.25	St. Columb	9
0.03	0.91	0.40	0.97	1.45	0.88	0.03	..	0.16	0.03	0.57	0.03	2.73	0.47	0.03	4.08	St. Austell	10
..	1.31	0.18	1.22	1.77	0.49	..	0.13	0.04	..	0.22	..	1.49	0.40	0.04	6.79	Truro	11
..	1.41	0.76	1.25	0.92	0.54	..	..	0.10	..	0.97	0.05	1.19	0.38	0.05	7.45	Redruth	12
..	1.22	..	1.34	0.48	0.24	0.12	..	..	..	0.36	..	1.83	0.36	..	6.95	East Kerrier	13
..	1.07	0.45	1.41	1.01	0.73	..	0.05	0.05	..	0.45	..	2.37	0.33	0.11	5.20	Helston	14
..	0.97	0.44	1.50	1.06	0.44	0.08	0.53	..	..	0.26	0.26	2.03	0.44	0.17	5.13	West Penwith	15
..	0.95	..	1.43	..	..	..	..	..	..	..	..	0.47	0.47	..	3.34	Scilly Isles	16
0.01	1.02	0.37	1.02	0.96	0.67	0.04	0.10	0.05	0.00	0.39	0.06	1.91	0.35	0.05	5.38	URBAN.	
..	0.58	..	..	1.16	1.75	1.16	1.16	..	..	0.58	..	1.16	..	..	4.66	Callington	17
..	0.86	..	1.73	1.73	..	0.43	..	0.43	0.43	..	..	2.16	0.43	..	9.09	Stratton & Bude	18
..	1.47	0.49	2.46	1.23	0.99	..	..	..	..	0.24	..	3.45	..	..	6.16	Launceston	19
0.24	1.24	0.49	1.24	1.49	1.99	..	..	..	..	0.24	..	3.24	0.24	..	6.92	Liskeard	20
..	1.98	0.66	0.88	..	0.66	..	..	..	0.22	0.22	..	2.65	0.22	..	5.30	Torpoint	21
..	1.17	..	2.34	..	0.78	..	..	..	..	..	..	1.17	..	0.39	3.12	Looe	22
..	1.78	0.29	1.78	2.08	0.29	..	0.59	0.59	..	0.29	..	0.59	0.89	0.29	2.68	Saltash	23
..	3.67	..	1.50	1.16	3.19	..	..	0.16	0.16	..	..	..	..	..	12.87	Bodmin	24
..	..	1.50	2.25	0.75	..	..	0.75	..	..	..	..	0.75	..	..	4.50	Lostwithiel	25
..	0.45	..	1.37	..	..	..	0.45	..	..	0.45	..	1.82	0.45	..	5.03	Wadebridge	26
..	1.29	0.34	1.03	1.55	..	..	..	..	..	0.34	..	0.95	0.08	0.17	8.47	Truro City	27
..	0.62	0.31	0.31	1.25	0.62	..	..	..	..	1.25	..	1.56	0.31	..	5.95	Penryn	28
..	1.01	0.42	1.18	1.36	0.93	0.08	0.08	0.08	..	0.17	0.08	1.44	0.68	0.08	7.03	Falmouth	29
..	0.97	..	1.29	2.59	1.61	..	..	0.32	..	..	0.32	3.55	..	..	8.41	Helston	30
..	1.34	..	1.04	2.23	..	..	..	..	..	0.74	..	..	0.59	..	8.21	St. Ives	31
..	0.91	0.45	0.91	1.06	1.06	0.15	..	0.07	..	0.22	..	2.51	0.53	0.15	6.85	Penzance	32
..	1.91	..	0.63	2.54	1.27	..	..	..	..	1.27	..	1.27	0.63	..	3.19	Padstow	33
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Newquay	34
..	..	..	2.09	1.79	1.19	..	..	0.29	..	..	..	4.79	0.89	0.29	6.58	St. Austell	35
..	0.95	0.19	0.95	1.04	0.57	..	..	..	..	0.57	..	2.00	0.38	..	8.51	Redruth	36
0.06	3.05	0.40	1.02	1.49	0.67	..	0.06	0.06	..	0.96	0.06	1.69	0.54	..	5.76	Camborne	37
..	0.77	0.51	0.77	0.51	0.77	..	0.25	..	..	0.25	..	1.28	..	..	5.15	Phillack	38
..	2.76	0.92	1.84	..	..	..	..	..	..	1.84	..	3.69	..	..	6.45	Hayle	39
..	2.29	0.28	0.47	1.14	0.57	..	..	0.28	..	0.57	..	1.72	0.28	..	9.17	Madron	40
..	1.26	0.63	0.63	0.47	..	..	..	..	..	0.15	..	0.76	0.31	..	4.42	Paul	41
..	0.43	1.31	0.87	1.75	..	..	..	..	..	0.87	..	1.75	0.43	..	3.51	Ludgvan	42
..	3.89	0.53	1.41	0.87	0.87	..	0.17	..	..	0.35	..	1.59	0.87	..	4.24	St. Just	43
0.02	1.56	0.36	1.18	1.23	0.72	0.04	0.07	0.07	0.02	0.43	0.02	1.91	0.41	0.07	6.11	Rural	
0.01	1.02	0.37	1.02	0.96	0.67	0.04	0.10	0.05	0.00	0.39	0.06	1.91	0.35	0.05	5.38	Urban	
0.02	1.56	0.36	1.18	1.23	0.72	0.04	0.07	0.07	0.02	0.43	0.02	1.91	0.41	0.07	6.11	County	
0.01	1.23	0.36	1.09	1.08	0.75	0.04	0.09	0.06	0.01	0.41	0.02	1.91	0.38	0.06	5.99		

NOTE.—The total death-rate from all causes for the whole County was 14.31 per 1,000 of the population. The Zymotic death-rate was 0.393 per 1,000.

# MORTALITY FROM SUBJOINED CAUSES,

Distinguishing Deaths of Children under 5 years of age—1910.

Table No. 5.

No. of District in Report.	SANITARY DISTRICT.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Membr. Croup.	Croup.	Typhus Fever.	Enteric Fever.	Other continued Fever.	Epidemic Influenza.	Cholera.	Plague.	Diarrhoea.	Enteritis.	Gastritis.	Puerperal Fever.	Erysipelas.	
		under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.	under 5 5 and over.
RURAL.																			
1	Stratton	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	
2	Launceston	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	
3	Calstock	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
4	Bosccastle	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	
5	Camelford	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	
6	Liskeard	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	
7	St. Germans	...	...	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...	
8	Bodmin	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	
9	St. Columb	...	...	...	2	...	...	...	3	...	1	...	...	...	...	1	...	...	
10	St. Austell	...	...	1	4	6	4	...	...	...	4	...	...	...	2	1	3	...	
11	Truro	...	...	...	4	3	1	...	...	...	2	...	...	1	4	1	1	...	
12	Redruth	...	...	...	...	...	...	...	...	...	3	...	...	2	...	1	...	...	
13	East Kerrier	...	1	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	
14	Helston	...	2	...	...	2	...	...	...	...	9	...	...	3	...	2	1	...	
15	West Penwith	...	...	...	1	1	1	...	...	...	1	...	...	...	2	3	...	...	
16	Scilly Isles	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	
URBAN.																			
17	Callington	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
18	Stratton and Bude	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	
19	Launceston	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
20	Liskeard	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	
21	Torpoint	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	
22	Looe	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	
23	Saltash	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	...	...	
24	Bodmin	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	
25	Lostwithiel	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
26	Wadebridge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
27	Truro City	...	...	2	1	4	...	...	...	...	2	...	...	1	...	1	...	...	
28	Penryn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	
29	Falmouth	...	2	...	...	...	...	...	...	...	2	...	...	3	...	...	...	...	
30	Helston	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	
31	St. Ives	...	...	...	...	1	...	...	1	1	...	...	...	2	...	...	2	...	
32	Penzance	...	3	7	...	...	2	...	...	...	1	...	...	5	...	2	...	...	
33	Padstow	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
34	Newquay	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	
35	St. Austell	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	
36	Redruth	...	...	...	1	...	4	...	...	...	2	...	...	2	9	1	...	...	
37	Camborne	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	
38	Phillack	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	
39	Hayle	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	
40	Madron	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	
41	Paul	...	1	...	...	2	...	...	...	...	2	...	...	...	...	...	1	...	
42	Ludgvan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
43	St. Just	...	...	...	...	1	2	...	...	1	...	...	...	1	...	...	...	...	
Rural		...	3	1	1	2	16	...	13	9	1	...	4	...	9	1	15	...	
Urban		...	4	10	4	1	7	...	8	9	2	...	1	3	...	1	15	...	
County		...	7	11	5	3	23	...	21	18	1	2	...	1	7	...	1	3	50



## Distinguishing Deaths of Children under 5 years of age—1910.

[illegible]

# INFECTIOUS DISEASE.

Cases of Infectious Disease notified during 1910.

Table No. 6.

No. of District in Report.	SANITARY DISTRICT.	Small-pox.		Cholera.	Diphtheria.		Membranous Group.		Erysipelas.	FEVERS.						Plague.	Totals.	
		under 5	5 & over		under 5	5 & over	under 5	5 & over		under 5	5 & over	under 5	5 & over	under 5	5 & over		under 5	5 & over
RURAL.																		
1	Stratton	..	..	..	..	2	..	..	3	..	2	..	..	..	..	..	..	7
2	Launceston	..	..	..	..	3	..	..	1	..	1	..	..	..	..	..	..	8
3	Calstock	..	..	..	..	1	..	..	1	2	6	..	..	1	..	..	2	9
4	Boscastle	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
5	Camelford	..	..	..	1	17	..	..	1	1	2	..	..	..	..	..	2	20
6	Liskeard	..	1	..	..	4	..	..	7	6	22	..	..	..	..	..	6	35
7	St. Germans	..	..	..	1	6	..	..	13	1	9	..	..	3	..	1	2	32
8	Bodmin	..	..	..	1	1	..	..	1	..	24	..	..	1	..	..	1	27
9	St. Columb	..	..	..	..	1	..	..	18	..	..	..	..	7	..	..	..	26
10	St. Austell	..	..	..	15	65	..	1	9	8	42	..	..	3	..	..	24	119
11	Truro	..	..	..	1	39	..	1	11	11	89	..	..	..	1	..	13	140
12	Redruth	..	..	..	..	26	..	..	9	..	33	..	..	..	1	..	..	69
13	East Kerrier	..	..	..	..	2	..	..	1	3	9	..	..	4	..	..	3	16
14	Helston	..	..	..	..	23	..	..	3	..	6	..	..	1	..	..	..	33
15	West Penwith	..	..	..	1	7	..	..	1	..	6	..	..	3	..	3	1	20
16	Scilly Isles	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	3
		1	..	20	198	..	2	79	32	254	..	..	23	..	2	8	54	565
URBAN.																		
17	Callington	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
18	Stratton & Bude	..	..	..	1	3	..	..	..	..	1	..	..	1	..	1	1	5
19	Launceston	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	3
20	Liskeard	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
21	Torpoint	..	..	..	1	5	..	5	2	..	..	1	8	..	..	..	4	18
22	Looe	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	1	1
23	Saltash	..	..	..	1	1	..	1	1	2	2	..	..	1	..	..	4	5
24	Bodmin	..	..	..	..	3	..	..	1	..	18	..	..	..	..	..	..	22
25	Lostwithiel	..	..	..	..	..	..	..	..	1	..	..	..	3	..	..	1	3
26	Wadebridge	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	9
27	Truro City	..	..	..	2	7	..	..	..	18	74	..	..	..	..	..	20	81
28	Penryn	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	2
29	Falmouth	..	..	..	2	..	..	..	1	5	14	..	..	2	..	..	7	17
30	Helston	..	..	..	1	3	..	..	..	..	..	..	..	..	..	1	1	4
31	St. Ives	..	..	..	..	3	..	..	1	..	24	..	..	2	..	2	..	32
32	Penzance	..	..	..	..	16	..	..	2	..	9	..	..	..	..	..	..	27
33	Padstow	..	..	..	..	..	..	..	1	12	21	..	..	..	..	..	12	22
34	Newquay	..	..	..	..	..	..	..	..	1	11	..	..	..	..	..	1	11
35	St. Austell	..	..	..	6	11	..	..	1	1	7	..	..	1	..	..	7	20
36	Redruth	..	..	..	8	15	..	..	5	3	11	..	..	..	1	..	11	32
37	Camborne	..	..	..	2	12	..	1	31	2	14	..	..	4	..	..	5	61
38	Phillack	..	..	..	..	9	..	..	2	..	2	..	..	..	..	..	..	13
39	Hayle	..	..	..	..	12	..	..	1	..	..	..	..	..	..	..	..	13
40	Madron	..	..	..	3	11	..	..	..	..	..	..	..	..	..	..	3	11
41	Paul	..	..	..	..	26	..	..	2	..	..	..	..	..	..	1	2	29
42	Ludgvan	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2
43	St. Just	..	..	..	1	3	..	..	3	1	1	..	..	5	..	..	2	12
		..	..	28	144	..	2	60	50	219	..	1	28	..	1	5	81	457
Rural		1	..	20	198	..	2	79	32	254	..	..	23	..	2	8	54	565
Urban		..	..	..	28	144	..	2	60	50	219	..	1	28	..	1	5	457
County		1	..	48	342	..	4	139	82	473	..	1	51	..	3	13	135	1022



# Births, Deaths, Natural Increase, and Infantile and Zymotic Deaths

of the Population of Cornwall during the Year 1910.

**Table No. 7.**

	BIRTHS.			DEATHS.		NATURAL INCREASE.		INFANTILE & ZYMOTIC DEATHS.			
	Population, 1901.	Births.	Birth-rate per 1,000.	Deaths.	Death-rate per 1,000.	Natural Increase.	Natural Increase per 1,000 of the population.	Deaths under 1 year.	Deaths under 1 year per 1,000 Births.	Zymotic Deaths.	Zymotic death-rate per 1,000 of the population.
RURAL ..	186,376	3,805	20·41	2,452	13·15	1,353	7·26	303	79·63	59	0·498
URBAN ..	136,329	2,948	21·62	2,169	15·91	779	5·71	274	92·94	68	0·316
COUNTY ..	322,705	6,753	20·92	4,621	14·31	2,132	6·66	577	85·44	127	3·393

REMARKS.—The above Table shows that, as usual, with the exception of the Birth-rate, all the various rates were in favour of the Rural districts.

## Mortality of the Population of Cornwall from all Causes

at the subjoined ages during 1910.

**Table No. 8.**

	Population, 1901.	Deaths at all ages.	General death-rate.	Deaths classified according to ages and death-rates at each of these ages per 1,000 deaths at all ages.											
				Deaths under 1.	Death-rate.	1 and under 5.	Death-rate.	5 and under 15.	Death-rate.	15 and under 25.	Death-rate.	25 and under 65.	Death-rate.	65 and over.	Death-rate.
RURAL ..	186,376	2,452	13·15	303	123·57	95	38·74	78	31·81	104	42·41	722	294·45	1150	469·00
URBAN ..	136,329	2,169	15·91	274	126·32	104	47·94	78	35·96	93	42·87	721	332·41	899	414·47
COUNTY	322,705	4,621	14·31	577	124·86	199	43·06	156	33·75	197	42·63	1443	312·27	2049	443·41

REMARKS.—By the above Table it will be seen that out of each 1,000 deaths occurring in the County during 1910, omitting fractions—

124 were infants under 1 year.

43 were children over 1 year and under 5.

33 were aged 5 and under 15.

42     ,,     15     ,,     25.

312     ,,     25     ,,     65.

443     ,,     65 and over.

The relative proportions of the deaths occurring in Rural and Urban districts are also shown by the Table.

# Mortality Rates per 1,000 of the Population of Cornwall

from the undermentioned Diseases and Causes, 1910.

Table No. 9.

	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Membr. Croup.	Croup.	Enteric Fever.	Continued Fever.	Influenza.	Diarrhoea.	Enteritis.	Gastritis.	Puerperal Fever.	Erysipelas.	Phthisis.	Other Tubercular diseases.	Cancer.	Bronchitis, Pneumonia, and Pleurisy.	Other diseases of the Respiratory Organs.	Alcoholism } Cirrhosis of Liver }	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other causes.	Death rate per 1,000 from all causes.
RURAL ..	0.00	0.02	0.01	0.08	0.11	0.00	0.02	0.00	0.20	0.05	0.09	0.06	0.01	0.01	1.02	0.37	1.02	1.97	0.10	0.03	0.00	0.39	0.06	1.91	0.35	0.05	5.38	13.15
URBAN ..	0.00	0.10	0.03	0.05	0.12	0.01	0.02	0.00	0.11	0.14	0.11	0.04	0.02	0.02	1.56	0.36	1.18	1.99	0.07	0.07	0.02	0.43	0.02	1.91	0.41	0.07	6.11	15.91
COUNTY ..	0.00	0.05	0.02	0.07	0.12	0.00	0.02	0.00	0.16	0.09	0.09	0.05	0.01	0.01	1.23	0.36	1.09	1.87	0.09	0.06	0.01	0.41	0.04	1.91	0.38	0.06	5.99	14.31

REMARKS.—Whooping Cough, Influenza, Gastritis, and Diseases and Accidents of Parturition were more fatal in the Rural districts than in the Urban; but the former had the advantage over the latter as regards Measles, Scarlet Fever, Diphtheria, Diarrhoea, Enteritis, Puerperal Fever, Phthisis, Premature Births, Accidents and Suicides.

The Table also shows that 21 per cent. of the total deaths were caused by Phthisis (Consumption) and its allied diseases, Bronchitis and Pleurisy—the same percentage as in the last two years.

# Mortality Rates of England and Wales and the Principal Towns compared with those of Cornwall—1910.

Table No. 10.

		MORTALITY PER 1,000 POPULATION FROM									
		All causes.	The following seven Zymotic diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhoea.	Deaths under 1 year per 1,000 births.
England and Wales ..	1901	16·9	2·05	0·01	0·27	0·13	0·27	0·30	0·16	0·91	151
	1902	16·3	1·64	0·08	0·38	0·15	0·23	0·29	0·13	0·38	133
	1903	15·4	1·46	0·02	0·27	0·12	0·18	0·27	0·10	0·50	132
	1904	16·2	1·94	0·01	0·36	0·11	0·71	0·34	0·09	0·86	146
	1905	15·2	1·52	0·00	0·32	0·11	0·16	0·25	0·09	0·59	128
	1906	15·4	1·73	0·00	0·27	0·10	0·17	0·23	0·09	0·87	133
	1907	15·0	1·26	0·00	0·36	0·09	0·16	0·29	0·07	0·29	118
	1908	14·7	1·29	0·00	0·13	0·06	0·15	0·25	0·07	0·33	121
	1909	14·5	1·12	0·00	0·35	0·09	0·14	0·20	0·06	0·28	109
	1910	13·4	0·99	0·00	0·23	0·06	0·12	0·24	0·05	0·29	106
CORNWALL..	1901	15·9	0·83	0·000	0·25	0·03	0·11	0·13	0·08	0·23	121
	1902	16·7	1·15	0·000	0·29	0·03	0·17	0·47	0·07	0·12	135
	1903	14·2	0·35	0·000	0·01	0·01	0·09	0·04	0·08	0·12	99
	1904	14·7	0·55	0·000	0·12	0·01	0·07	0·13	0·04	0·18	112
	1905	15·9	0·82	0·000	0·05	0·02	0·08	0·43	0·03	0·19	117
	1906	14·4	0·68	0·000	0·06	0·08	0·04	0·13	0·08	0·29	99
	1907	15·0	0·68	0·000	0·23	0·02	0·09	0·14	0·07	0·13	98
	1908	14·7	0·56	0·000	0·00	0·04	0·08	0·27	0·04	0·13	101
	1909	14·8	0·53	0·000	0·09	0·02	0·08	0·13	0·06	0·15	96
	1910	14·3	0·37	0·000	0·05	0·02	0·12	0·07	0·02	0·09	85
76 Great Towns	1902	17·4	0·12	0·12	0·49	0·19	0·26	0·37	0·15	0·54	145
	1903	16·3	1·89	0·03	0·36	0·14	9·20	0·33	0·12	0·71	144
	1904	17·2	2·49	0·01	0·47	0·12	0·19	0·40	0·10	1·20	160
	1905	15·7	1·88	0·00	0·39	0·13	0·16	0·29	0·08	0·83	140
	1906	15·9	2·24	0·00	0·40	0·12	0·19	0·28	0·09	1·16	145
	1907	15·4	1·54	0·00	0·43	0·12	0·17	0·35	0·07	0·49	127
	1908	14·9	1·59	0·00	0·31	0·10	0·16	0·29	0·08	0·65	128
	1909	14·5	1·42	0·00	0·48	0·11	0·15	0·24	0·06	0·38	118
	1910	14·3	1·23	0·00	0·31	0·08	0·12	0·29	0·05	0·38	115
	133 Smaller Towns	1910	12·9	0·88	0·00	0·16	0·06	0·11	0·24	0·05	0·26

# DISTRICT MONTHLY RAINFALL—1910.

Table No. 11.

STATIONS.	Altitude.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTALS.
	ft.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
Poughill	.. 200	4·57	4·86	6·63	2·77	2·71	2·26	2·96	3·27	0·21	5·94	6·33	4·98	41·49
Tintagel	.. ..	3·45	4·22	0·68	2·24	2·08	2·61	2·52	2·77	0·06	5·66	4·33	5·34	35·96
Launceston	.. 476	6·06	6·69	1·15	2·57	2·29	1·67	2·88	5·72	0·14	5·45	5·99	8·90	49·51
Gunnislake	.. 850	4·89	7·07	1·38	2·88	2·52	2·63	3·59	5·84	0·30	6·18	5·84	8·12	51·24
Pentillie Castle	.. 150	7·59	7·09	1·17	3·02	2·77	2·58	4·72	6·22	0·29	6·94	6·19	10·59	59·17
Liskeard	.. 375	6·40	6·76	1·15	2·92	2·91	2·70	4·48	6·33	0·37	7·43	7·24	10·75	59·44
Newquay	.. 100	3·19	4·50	0·63	2·21	1·63	2·14	1·66	2·44	0·32	5·27	5·26	6·76	36·01
Plymouth (Dev.)	117	3·80	5·23	0·76	1·98	3·12	1·93	4·30	5·38	0·33	5·59	4·75	7·30	44·47
Cremyll	.. 25	4·59	6·20	0·97	2·36	2·81	2·30	4·42	6·00	0·39	5·58	5·83	7·25	48·70
Fowey	.. ..	..	4·48	1·46	1·69	2·10	3·71	2·96	4·05	0·70	5·30	6·07	5·61	38·13
St. Austell	.. 300	5·86	6·89	1·00	2·75	2·54	3·03	3·54	4·87	0·37	6·65	9·20	8·65	55·35
St. Agnes	.. 318	3·56	5·03	0·73	2·83	1·93	1·85	1·75	2·97	0·21	5·22	5·23	6·10	37·41
Probus	.. ..	4·92	5·75	0·88	2·53	2·14	2·53	2·27	4·37	0·19	5·96	7·57	8·19	47·30
Truro (R.I.C.)	.. 40	5·48	6·73	1·06	2·85	2·23	2·38	2·36	3·77	0·37	6·93	8·81	9·97	52·94
Redruth	.. ..	4·95	6·90	1·20	2·98	2·16	2·18	2·27	3·76	0·51	7·17	7·06	9·00	50·14
Trevince	.. 240	5·51	6·38	1·20	2·96	2·19	2·19	2·66	3·91	0·46	6·77	8·07	8·65	50·95
St. Ives	.. 60	4·01	6·23	1·10	3·14	1·85	1·87	2·66	3·18	0·22	5·34	7·65	6·36	43·61
Phillack	.. 70	3·14	4·50	0·80	2·48	1·91	1·58	2·15	2·62	0·38	5·81	4·04	5·53	34·94
Falmouth (Ob.)	.. 169	5·96	6·33	0·93	2·22	2·50	1·89	2·81	4·18	0·41	8·14	8·52	9·25	53·14
Bosahan	.. ..	3·26	4·15	0·76	2·22	1·69	1·02	2·26	3·47	0·37	5·90	5·83	7·24	38·17
Marazion	.. 30	4·49	5·52	0·88	2·57	2·45	1·75	2·56	3·53	0·39	8·66	7·88	6·54	47·22
Penzance	.. 55	4·72	5·65	0·82	2·98	2·39	2·10	2·57	3·60	0·33	6·13	7·25	5·85	44·39



## Temperature and Humidity—1910.

Table No. 12.

	Mean Temperature.	Mean Daily Range of Temperature.	Absolute extremes of Temperature.		Mean Relative Humidity of the Air.
			Highest.	Lowest.	
	°	°	°	°	saturation=100
January ..	43.59	8.98	52.9	28.4	86
February ..	44.99	10.50	53.2	33.7	87
March ..	44.81	12.68	57.1	30.7	83
April ..	46.42	12.73	59.5	30.6	81
May ..	52.70	13.08	73.5	36.3	76
June ..	58.43	10.20	71.7	47.1	79
July ..	59.38	10.84	71.9	48.2	80
August ..	60.75	10.15	72.7	48.4	81
September ..	56.64	12.34	68.6	40.3	80
October ..	54.09	9.52	64.4	40.7	85
November ..	45.22	9.79	55.6	32.9	84
December ..	47.07	7.59	55.3	31.2	85
Means ..	51.17	10.70	Highest 73.5	Lowest 28.4	82

## Winter and Summer Temperature and Humidity—1910.

Table No. 13.

	Mean Temperature.	Mean Daily Range of Temperature.	Absolute extremes of Temperature.		Mean Relative Humidity of the Air.
			Highest.	Lowest.	
	°	°	°	°	Saturation=100
<b>WINTER</b>					
January ..	43.59	8.98	52.9	28.4	86
February ..	44.99	10.50	53.2	33.7	87
March ..	44.81	12.68	57.1	30.7	83
April ..	46.42	12.73	59.5	30.6	81
November ..	45.22	9.79	55.6	32.9	84
December ..	47.07	7.59	55.3	31.2	85
Means ..	45.35	10.37	Highest 59.5	Lowest 28.4	84
<b>SUMMER</b>					
May ..	52.70	13.08	73.5	36.3	76
June ..	58.43	10.20	71.7	47.1	79
July ..	59.38	10.84	71.9	48.2	80
August ..	60.75	10.15	72.7	48.4	81
September ..	56.64	12.34	68.6	40.3	80
October ..	54.09	9.52	64.4	40.7	85
Means ..	56.98	11.02	Highest 73.5	Lowest 36.3	80

## RAINFALL—1910.

Table No. 14.

			Mean Total Rainfall.	No. of days with rain (0·01 in. or more).	Greatest fall in 1 day.
			Inches.		Inches.
January	..	..	4·72	23	0·86
February	..	..	5·74	26	0·82
March	..	..	0·98	9	0·25
April	..	..	2·62	18	0·65
May	..	..	2·34	15	0·62
June	..	..	2·22	15	0·54
July	..	..	2·92	15	0·50
August	..	..	4·18	21	0·84
September	..	..	0·32	4	0·14
October	..	..	6·28	19	1·29
November	..	..	6·58	26	0·99
December	..	..	7·58	27	1·05
Totals	..	..	46·48	218	Greatest. 1·29

## SUMMARY.

### Temperature, Humidity, Rainfall, and Sunshine—1910.

Table No. 15.

STATIONS.	Mean Tempera- ture.	Mean Daily Range of Tempera- ture.	Mean Relative Humidity.	Total Rainfall.	Total duration of hours of bright Sunshine.	Authority supplying the Monthly Returns.
	°	°	%	Inches		
Poughill ..	*	*	*	41.49	*	Miss Field
Tintagel ..	*	*	*	35.96	*	Mr. W. Taylor
Launceston ..	†49.12	†15.00	†83	49.51	*	Capt. Ching, R.N.
Gunnislake ..	*	*	*	51.24	*	Mr. C. A. Wadge
Pentillie Castle ..	*	*	*	59.17	*	Mr. W. T. Johnson
Liskeard ..	49.83	10.25	*	59.44	*	Mr. S. W. Jenkin
Newquay ..	51.19	8.22	†84	36.01	1716	Dr. Vigurs
Plymouth (Dev.)	51.17	10.15	83	44.47	1689	Mr. H. V. Prigg
Cremyll ..	51.38	12.69	*	48.70	*	Mr. W. Wonnacott
Fowey ..	51.30	†11.30	*	§38.13	¶ 943	Dr. Boger
St. Austell ..	*	*	*	55.35	*	Mr. W. M. Coode
St. Agnes ..	*	*	*	37.41	*	Dr. Whitworth
Probus ..	*	*	*	47.30	*	Mr. H. Tresawna
Truro (R.I.C.) ..	51.53	12.60	82	52.94	1687	Mr. G. Penrose
Redruth ..	*	*	*	50.14	*	Mr. A. Lanyon
Trevince ..	*	*	*	50.95	*	Mr. E. B. Beauchamp
St. Ives ..	51.86	8.08	79	46.61	*	Dr. Nicholls
Phillack ..	*	*	*	34.94	*	Rev. A. P. Hockin
Falmouth (Ob.) ..	51.17	9.57	84	53.14	1486	Mr. E. Kitto
Bosahan ..	50.84	8.87	*	38.17	1747	Mr. T. Crawford
Lizard Lights ..	53.74	*	*	*	*	Mr. H. P. Harrison
Marazion ..	*	*	*	47.22	*	Mr. T. F. Michell
Penzance ..	52.49	9.16	79	44.39	1730	Mr. C. H. Benn

\* No Observations.

† 11 months' average.

‡ 9 months' average.

¶ 7 months' total (June to December).

§ 11 months' total.



